

CLAIMS:WHAT IS CLAIMED IS:

1. A mechanical fastening system for an article, comprising:
a first fastening component mountable on the article and comprising
a stretchable loop material which is free to stretch in use, the stretchable
loop material formed from a laminate including a high bond point
nonwoven facing having greater than 225 bond points per square inch; and
a second fastening component mountable on the article so as to be
engageable with the first fastening component, the second fastening
component being made of a hook material;

wherein the stretchable loop material is stretchable during limited
movement of the first fastening component relative to the second fastening
component when the fastening components are engaged.

2. The mechanical fastening system of claim 1 wherein the
nonwoven facing has greater than 10 percent bond area.

3. The mechanical fastening system of claim 1 wherein the
nonwoven facing has greater than 20 percent bond area.

4. The mechanical fastening system of claim 1 wherein the
nonwoven facing has greater than 30 percent bond area.

5. The mechanical fastening system of claim 1 wherein the
nonwoven facing has greater than 250 bond points per square inch.

6. The mechanical fastening system of claim 5 wherein the
nonwoven facing has greater than 20 percent bond area.

7. The mechanical fastening system of claim 5 wherein the nonwoven facing has greater than 30 percent bond area.

8. The mechanical fastening system of claim 1 wherein the nonwoven facing has greater than 275 bond points per square inch.

9. The mechanical fastening system of claim 8 wherein the nonwoven facing has greater than 20 percent bond area.

10. The mechanical fastening system of claim 8 wherein the nonwoven facing has greater than 30 percent bond area.

11. The mechanical fastening system of claim 1 wherein the stretchable loop material comprises a mechanically prestrained composite.

12. A mechanical fastening system for an article, comprising:
a first fastening component mountable on the article and comprising a stretchable loop material which is free to stretch in use, the stretchable loop material formed from a laminate including a high bond point nonwoven facing having greater than 10 percent bond area and about 300 or greater bond points per square inch; and

a second fastening component mountable on the article so as to be engageable with the first fastening component, the second fastening component being made of a hook material;

wherein the stretchable loop material is stretchable during limited movement of the first fastening component relative to the second fastening component when the fastening components are engaged.

13. The mechanical fastening system of claim 12 wherein the nonwoven facing has greater than 20 percent bond area.

14. The mechanical fastening system of claim 12 wherein the nonwoven facing has greater than 30 percent bond area.

15. The mechanical fastening system of claim 12 wherein the stretchable loop material comprises a mechanically prestrained composite.

16. A disposable absorbent article for personal wear, said disposable article comprising:

5 a body having first and second end regions and comprising an inner layer for contact with the wearer's skin, at least a portion of the inner layer being liquid permeable, an outer layer in opposed relation with the inner layer, and an absorbent layer disposed between the inner layer and the outer layer;

a mechanical fastening system positioned on the body including:

10 a first fastening component disposed on the article in the first end region, the first fastening component comprising a loop material formed from a laminate including a high bond point nonwoven facing having greater than 10 percent bond area and greater than 250 bond points per square inch; and

15 a second fastening component disposed on the body in the second end region so as to be engageable with the first fastening component, the second fastening component being made of a hook material.

17. The disposable absorbent article of claim 16 wherein the nonwoven facing has greater than 20 percent bond area.

18. The disposable absorbent article of claim 16 wherein the nonwoven facing has greater than 30 percent bond area.

19. The disposable absorbent article of claim 16 wherein the nonwoven facing has greater than 275 bond points per square inch.

20. The disposable absorbent article of claim 19 wherein the nonwoven facing has greater than 20 percent bond area.

21. The disposable absorbent article of claim 19 wherein the nonwoven facing has greater than 30 percent bond area.

22. The disposable absorbent article of claim 16 wherein the nonwoven facing has greater than 300 bond points per square inch.

23. The disposable absorbent article of claim 22 wherein the nonwoven facing has greater than 20 percent bond area.

24. The disposable absorbent article of claim 22 wherein the nonwoven facing has greater than 30 percent bond area.

25. The disposable absorbent article of claim 16 wherein the laminate comprises a mechanically prestrained composite.

26. A disposable absorbent article for personal wear, said disposable article comprising:

a body having first and second end regions and comprising an inner layer for contact with the wearer's skin, at least a portion of the inner layer being liquid permeable, an outer layer in opposed relation with the inner

layer, and an absorbent layer disposed between the inner layer and the outer layer;

a mechanical fastening system positioned on the body including:

10 a first fastening component laminated to a non-stretch material of the body in the first end region, the first fastening component comprising a high bond point nonwoven facing having greater than 10 percent bond area and greater than 225 bond points per square inch, and

15 a second fastening component disposed on the body of the second end region, the second fastening component being made of a hook material.

27. The disposable absorbent article of claim 26 wherein the nonwoven facing has greater than 20 percent bond area.

28. The disposable absorbent article of claim 26 wherein the facing loop material has greater than 30 percent bond area.

29. The disposable absorbent article of claim 26 wherein the nonwoven facing has greater than 275 bond points per square inch.

30. The disposable absorbent article of claim 29 wherein the nonwoven facing has greater than 20 percent bond area.

31. The disposable absorbent article of claim 29 wherein the nonwoven facing has greater than 30 percent bond area.

32. The disposable absorbent article of claim 26 wherein the nonwoven facing has greater than 300 bond points per square inch.

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33. The disposable absorbent article of claim 32 wherein the nonwoven facing has greater than 20 percent bond area.

34. The disposable absorbent article of claim 32 wherein the nonwoven facing has greater than 30 percent bond area.

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